

Supplementary Table S1. Clinical characteristics of 34 breast cancer tissue samples

No.	Age	Sex	Organ	Pathology diagnosis	Grade	ER	PR	HER2
01	43	F	Breast	Nonspecific infiltrating ductal carcinoma	I	+	+	-
02	40	F	Breast	A little nonspecific infiltrating ductal carcinoma	I	+	+	-
03	54	F	Breast	Nonspecific infiltrating ductal carcinoma	I	+	+	+
04	64	F	Breast	Nonspecific infiltrating ductal carcinoma	I	+	+	-
05	41	F	Breast	A little nonspecific infiltrating ductal carcinoma	I	+	+	-
06	52	F	Breast	A little nonspecific infiltrating ductal carcinoma	I	+	+	-
07	44	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	+
08	60	F	Breast	A little nonspecific infiltrating ductal carcinoma	II	+	+	-
09	56	F	Breast	A little nonspecific infiltrating ductal carcinoma	I-II	+	+	-
10	55	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	-
11	51	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	-
12	74	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	-
13	56	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	+
14	42	F	Breast	Nonspecific infiltrating ductal carcinoma	II	-	-	-
15	57	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	-
16	50	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	+
17	45	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	-
18	35	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	-
19	38	F	Breast	Nonspecific infiltrating ductal carcinoma	II	-	-	-
20	58	F	Breast	A little nonspecific infiltrating ductal carcinoma	III	+	+	-
21	40	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	-
22	70	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	-
23	23	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	+
24	44	F	Breast	Nonspecific infiltrating ductal carcinoma	I-II	+	+	-
25	49	F	Breast	Infiltrating ductal carcinoma	II	-	-	-
26	45	F	Breast	Nonspecific infiltrating ductal carcinoma	II	+	+	+
27	46	F	Breast	Infiltrating ductal carcinoma	II	+	+	+
28	39	F	Breast	Infiltrating ductal carcinoma	II	+	+	-
29	64	F	Breast	Infiltrating ductal carcinoma	II	+	+	-
30	38	F	Breast	Infiltrating ductal carcinoma	II	+	+	-
31	28	F	Breast	Infiltrating ductal carcinoma	II	-	-	-
32	63	F	Breast	Infiltrating ductal carcinoma	III	+	+	-
33	54	F	Breast	Infiltrating ductal carcinoma	II	+	+	-
34	44	F	Breast	Infiltrating ductal carcinoma	II	+	+	-

Note: “-” in Grade means no grading available.